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GenCore version	Copyright (c) 1993 - 2000 Compugen Ltd.	OM nucleic - nucleic search, using sw model	Run on: January 11, 2002, 06:41:09; Search time 1759.97 Seconds (without alignments)	10/.*/1 MILITON CO. 112-08-887-505-117	t score: ce:	Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0	Searched: 1472140 seqs, 8248589755 residues	Total number of hits satisfying chosen parameters: 2944280	Minimum DB seq length: 0 Maximum DB seq length: 2000000000	Post-processing: Minimum Match 0% Maximum Match 100% Titel AE cummarios	Listing	<u>~</u>	3: 92-103 3: 91: * 4: ab om: *			8: gb_pl:* 9: gb_pr:*	10: gb_ro:*	12: 9b_sv:*			17: em_hum:* 18: em_in:*		24: em_pl:* 25: em_ro:*						

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Lases 1 to 33)

RS Cha,T. Beall,E., Irvine,B., Kobberg,J. and Urdea,M.S.

HCV genomic sequences for diagnostics and therapeutics

Location/Qualifiers

Location/Qualifiers
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Cha,T., Beall,E., Irvine,B., Kolberg,J. and Urdea,M.S.
HCV genomic sequences for diagnostics and therapeutics
Patent: US 6071693-A 126 06-JUN-2000.
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95.0%; Score 19; DB 6; Length 33;
Best Local Similarity 95.0%; Pred. No. 0.68;
Matches 19; Conservative 0; Mismatches 1; Indels
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Sheridan, P., Chang, C., Running, J. and Urdea, M.S.
Process for immobilizing nucleic acid probes or surfaces
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                      AR097188 33 bp DNA
Sequence 126 from patent US 6071693.
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Sequence 126 from patent US 6190864.
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Sheridan, P., Chang, C., Running, J. and Urdea, M.S.
Nucleic acid probes immobilized on polystyrene surfaces
Patent: US 5747244-A 50 05 MAY-1998;
Location/Qualifiers
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Pred. No. 0.68;
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Urdea,M.S., Horn,T., Chang,C., Warner,B. and Fu
Nucleic acid hybridization assays employing lary
branched polynucleotides
Patent: US 5849481-A 60 15-DEC-1998;
Location/Qualifiers
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Shultz,J.William, Lewis,M.K., Leippe,D., Mandrekar,M., Kephart,D.,
Shultz,J.William, Lewis,M.K., Leippe,D., Mandrekar,M., Kephart,D.,
Sholson,R.J., Wood,K.V. and Welch,R.
Detection of nucleic acid hybrids
Patent: US 6235480-A 181 22-MAY-2001;
Location/Qualifiers
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Urdea,M.S., Fultz,T., Warner,B.D. and Collins,M.
Solution phase nucleic acid sandwich assays having reduced background noise
Patent: US 5635352-A 10 03-JUN-1997;
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1 (bases 1 to 139)
Harris, K.A. and Teo, C.G.
Diversity of Hantitis C Virus Quasispecies Evaluated by Denaturing Gradient Gel Electrophoresis
(110. Diagn. Lab. Immunol. 8 (1), 62-73 (2001)
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Hepacivirus.
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Hepatitis C virus isolate H069 clone I 5' non-coding region
                                                                                                                                         03-APR-1998
                                                                                                                                                                                                                                                                                                    1 (bases 1 to 46)
Urdea,M.S., Fultz,T., Warner,B.D. and Collins,M.
Solution phase nucleic acid sandwich assays having reduced
background noise and kits therefor
Patent: US 5681697-A 10 28-OCT-1997;
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/isolate="H069"
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95.0%; Pred. No. 0.69;
Live 0; Mismatches
                                                                                                                               46 bp DNA
Sequence 10 from patent US 5681697.
170986.1 GI:3007121
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Harris, K.A. and Teo, C.G.
Direct Submission
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1 TINGCGACCCAACACTACTC 20
                   10 TTCGCGACCCAACACTACTC 29
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Hepatitis C virus
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Best Local Similarity 95.0
Matches 19; Conservative
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Unclassified.
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1 TINGCGACCCAACACTACTC
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Hepatitis C virus
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Best Local Similarity 95.0
Matches 19; Conservative
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Best Local Similarity
Matches 19; Conserv
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AF282635/c
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Harris, K.A. and Teo, C.G.
Diversity of Hepatitis C Virus Quasispecies Evaluated by Denaturing Gradient Gel Electrophoresis
Clin. Diagn. Lab. Immunol. 8 (1), 62-73 (2001)
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Harris,K.A. and Teo,C.G.
Diversity of Hepatitis C Virus Quasispecies Evaluated by Denaturing Gradient Gel Electrophoresis
Clin. Diagn. Lab. Immunol. 8 (1), 62-73 (2001)
2 (bases 1 to 120)
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Hepatitis C virus
Viruses; ssRNA positive-strand viruses, no DNA stage; Flaviviridae;
Hepacivirus.
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Harris, K.A. and Teo, C.G.
Direct Submission
Submitted (27-JUN-2000) Hepatitis and Retrovirus Laboratory,
Central Public Health Laboratory, 61 Colindale Avenue, London NW9
                                   Gaps
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Hepatitis C virus isolate H071 clone I 5' non-coding region
sequence.
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   DB 14; Length 139;
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   95.0%; Score 19; DB 14
95.0%; Pred. No. 0.75;
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Best Local Similarity 95.0%; Pred. No. 0.75;
Matches 19; Conservative 0; Mismatches
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                                 0; Mismatches
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/isolate="H069"
/db_xref="taxon:11103"
/clone="II"
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Query Match
Best Local Similarity 95.08
Matches 19; Conservative
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Harris, K.A. and Teo, C.G.
Diversity of Hepatitis C Virus Quasispecies Evaluated by Denaturing Gradient Gel Electrophoresis
Clin. Diagn. Lab. Immunol. 8 (1), 62-73 (2001)
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Hepacivirus.
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Direct Submission
Submitted (27-JUN-2000) Hepatitis and Retrovirus Laboratory,
Central Public Health Laboratory, 61 Colindale Avenue, London NW9
Harris, K.A. and Teo, C.G.
Direct Submission
Submitted (27-JUN-2000) Hepatitis and Retrovirus Laboratory,
Central Public Health Laboratory, 61 Colindale Avenue, London NW9
5HT, UK
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Hepatitis C virus isolate H071 clone II 5' non-coding region
Sequence.
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/isolate="H071"
/db_xref="taxon:11103"
/clone="I1"
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38 c 43 g 31 t
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/isolate="H071"
/db_xref="taxon:11103"
/clone="I"
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Harris,K.A. and Teo,C.G.

Diversity of Hepatitis C Virus Quasispecies Evaluated by Denaturing claiment Gel Electrophoresis
Clain. Diagn. Lab. Immunol. 8 (1), 62-73 (2001)
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Hepatitis C virus
Hepatitis C virus
Hepatitis C virus
Hepatitis C virus
Hepacivirus.
1 (bases 1 to 13)
Herbacivirus.
Diversity of Hepatitis C virus Quasispecies Evaluated by Denaturing Gradient Gel Electrophoresis
Clin. Diagn. Lab. Immunol. 8 (1), 62-73 (2001)
                                                                                             Hepatitis C virus.
Hepatitis C virus
Viruses; ssRNA positive-strand viruses, no DNA stage; Flaviviridae;
Hepacivirus.
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Harris, K.A. and Teo, C.G.
Direct Submission
Submitted (27-JUN-2000) Hepatitis and Retrovirus Laboratory,
Central Public Health Laboratory, 61 Colindale Avenue, London NW9
5HT, UK
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Harris, K.A. and Teo, C.G.
Direct Submission
Submitted (27-JUN-2000) Hepatitis and Retrovirus Laboratory,
Central Public Health Laboratory, 61 Colindale Avenue, London NW9
5HT, UK
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   AF282635 139 bp RNA VRL 01-MAR-2001
Hepatitis C virus isolate H075 clone I 5' non-coding region
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Hepatitis C virus isolate H075 clone III 5' non-coding region
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/clone="I"
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/organism="Hepatitis C virus"
/isolate="H075"
/db xref="taxon:11103"
/clone="III"
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37 c 44 g 32 t
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Query Match

Query Match

Query Matches 19; OS 14; Length 139;

Best Local Similarity 95.0%; Pred. No. 0.75;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Search completed: January 11, 2002, 06:41:09

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GenCore version 4.5 Copyright (c) 1993 - 2000 Compugen Ltd	OM nucleic - nucleic search, using sw model	06:41:09 ;	Title: US-08-887-505-118 Perfect score: 20 Sequence: 1 TTCGCNACCCAACNCTACTC 20	Scoring table: IDENTITY_NUC Gapext 1.0	Searched: 1472140 seqs, 8248589755 residues	Total number of hits satisfying chosen parameters:	Minimum DB seq length: 0 Maximum DB seq length: 2000000000	Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries	Database : GenEmbl:* 1: 90_ba:* 2: 90_bhg:* 4: 90_on:* 5: 90_ov:* 6: 90_pat:* 7: 90_ph:* 8: 90_pt:* 10: 90_pt:* 11: 90_by:* 11: 90_by:* 12: 90_by:* 13: 90_by:* 14: 90_vi:* 15: em_bai:* 16: em_fun:* 17: em_hun:* 18: em_om:* 20: em_om:* 21: em_om:* 22: em_pat:* 23: em_pi:* 24: em_pi:* 25: em_vi:* 26: em_vi:* 27: em_vi:* 27: em_vi:* 28: em_un:* 29: em_un:* 21: em_vi:* 21: em_vi:* 22: em_pi:* 23: em_htgo_inv:* 34: em_htgo_inv:* 35: em_htgo_inv:* 36: em_htgo_inv:* 37: em_htgo_inv:* 38: em_htgo_inv:*	10110-6-11-11-11-11-11-11-11-11-11-11-11-11-1

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	173297 Sequence 28	AR106359 Sequence	AK004390 Sequence	AR097188 Sequence	AR130686 Sequence	173295 Sequence 26	182871 Sequence 50	Sequence	quence 1	duence 4	dneuce 4	1/3305 Sequence 35 144601 Sequence 30	duence 3	epatitis	Hepatiti	Henatiti	Hepatiti	Hepatiti	Hepatiti	Henatiti	Hepatiti	Hepat1ti	Hepat1	Hepatiti	Hepatiti	Hepatiti	Hepatiti	AY003921 Hepatitis	Hepatiti	5				03-APR-1998							ise chain reaction										
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Urdea, M. S., Horn, T., Chang, C., Warner, B. and Fultz, T.J.
Urdea, M.S., Horn, T., Chang, C., Warner, B. and Fultz, T.J.
Nucleic acid hybridization assays employing large comb-type
branched polynucleotides
Patent: US 5849481-A 60 15-DEC-1998;
Location/Qualifiers
Sequence 60 from patent US 5849481.
AR064935
AR064935.1 GI:5995151
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Sheridan, P., Chang, C., Running, J. and Urdea, M.S.
Nucleic acid probes immobilized on polystyrene surfaces
Patent: US 5747244-A 50 05-MAY-1998;
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tive 0; Mismatches
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Kay, M.A. and Lieber, A.
Ribozymes for treating hepatitis C
Patent: US 6107028-A 21 22-AUG-2000;
Location/Qualifiers
                                     Mismatches
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Sequence 21 from patent US 6107028.
AR106359
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Sequence 50 from patent US 5747244.
AR004396
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1 Cha,T., Beall,E., Irvine,B., Kolberg,J. and Urdea,M.S.
HCV genomic sequences for diagnostics and therapeutics
Patent: US 6190864-A 126 20 FEB-2001;
Location/Qualifiers
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Cha,T., Beall,E., Irvine,B., Kolberg,J. and Urdea,M.S.
HCV genomic sequences for diagnostics and therapeutics
Patent: US 6071693-A 126 06-JUN-2000;
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Sequence 126 from patent US 6071693.
AR097188
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Sequence 126 from patent US 6190864.
AR130686.1 GI:14119011
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08-AUG-2001

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KEYWORDS SOURCE

RESULT I73295/c

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TITLE

FEATURES

ORIGIN

REFERENCE AUTHORS

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1 (bases 1 to 40)
Shultz,J.William, Lewis,M.K., Leippe,D., Mandrekar,M., Kephart,D.,
Shultz,J.William, Lewis,M.K., Leippe,D., Mandrekar,M.,
Shodes,R.Byron, Andrews,C.Ann, Hartnett,J.Robert, Gu,T.,
Olson,R.J., Wood,K.V. and Welch,R.
Detection of nucleic acid hybrids
Patent: US 6235480-A 181 22-MAY-2001;
Location/Qualifiers
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Duclassified.

Unclassified.

I (basea 1 to 46).

AUTHORS Urdea,M.S., Fultz,T., Warner,B.D. and Collins,M.

Solution phase nucleic acid sandwich assays having reduced background noise.

Dackground noise.

JOURNAL Patent: US 565352-A 10 03-JUN-1997;

Location/Qualifiers
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                                                                      Sequence 181 from patent US 6235480.
ARIS3179
ARIS3179.1 GI:15120711
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Sequence 10 from patent US 5635352.
114581 114581 G1:2469294
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Sequence 10 from patent US 5681697.
170986
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                                                                                                                                                                                                                                                                                                                                                                                      Marshall,R.L., Carrino,J.J. and Sustachek,J.C.
Amplification of RNA sequences using the ligase chain reaction
Patent: US 5686772-A 26 11 NOV-1997;
Location/Qualifiers
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Sheridan, P., Chang, C., Running, J. and Urdea, M.S.
Process for immobilizing nucleic acid probes on polystyrene
surfaces
Patent: US 5712383-A 50 27-JAN-1998;
Location/Qualifiers
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Pred. No. 9.5;
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Sequence 50 from patent US 5712383.
182871 GI:3211168
         /organism="unknown"
13 c 6 g
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1 (bases 1 to 57)
Marshall,R.L., Carrino,J.J. and Sustachek,J.C.
Amplification of RNA sequences using the ligase chain reaction
Patent: US 5686272-A 36 11-NOV-1997;
Location/Qualifiers
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Urdea, M.S., Fultz, T., Warner, B.D. and Collins, M.
Solution phase nucleic acid sandwich assays having reduced background noises
Patent: US 5635352-A 30 03-JUN-1997;
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tive 0; Mismatches
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Pred. No. 9.5;
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Sequence 30 from patent US 5635352.
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                      Unclassified.

1 (bases 1 to 46)
Urdea_M.S., Fultz, Warner,B.D. and Collins,M.
Solution phase nucleic acid sandwich assays having reduced background noise and kits therefor Patent: US 5681697-A 10 28-OCT-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 53)
Urdea, M.S., Fultz, T., Warner, B.D. and Collins, M.
Solution phase nucleic acid sandwich assays having reduced
background noise
Patent: US 5635352-A 48 03-JUN-1997;
Location/Qualifiers
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Urdea,M.S., Fultz,T., Warner,B.D. and Collins,M.
Solution phase nucleic acid sandwich assays having reduced
background noise and kits therefor
Patent: US 5681697-A 48 28-OCT-1997;
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Sequence 48 from patent US 5681697.
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